4-22-10

PTO/SB/21 (07-09) /
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number 10/562,086-Conf. #3235 Filing Date December 23, 2005 First Named Inventor Peter J. Quesenberry Art Unit 1657 **Examiner Name** V. Afremova Attorney Docket Number 59441(11259)

ENCLOSURES (Check all that apply)					
X Fee Transmittal Form	Drawing(s)	After Allowance Communication to TC			
Fee Attached	Licensing-related Papers	Appeal Communication to Board of Appeals and Interferences			
X Amendment/Reply	Petition	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)			
After Final	Petition to Convert to a Provisional Application	Proprietary Information			
Affidavits/declaration(s)	Power of Attorney, Revocation Change of Correspondence Address	Status Letter			
X Extension of Time Request	Terminal Disclaimer	X Other Enclosure(s) (please Identify below):			
Express Abandonment Request	Request for Refund	Colvin et al. Reference (9 pages) Certificate of Express Mailing (1 page)			
Information Disclosure Statement	CD, Number of CD(s)	Return Receipt Postcard			
Certified Copy of Priority Document(s)	Landscape Table on CD				
Reply to Missing Parts/ Incomplete Application	Remarks				
Reply to Missing Parts under 37 CFR 1.52 or 1.53					
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT					
Firm Name EDWARDS ANGELL PALMER & DODGE LLP					
Signature Physics Phys					
Printed name Kathryn A. Piffat, Pl	n.D., Esq.				
Date April 20, 2010	Reg. No.	34,901			

APR 2 0 2010 By

Slication No. (if known): 10/562,086

Attorney Docket No.: 59441(11259)

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EM311675639US in an envelope addressed to:

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on	April 20, 2010
	Date

Signature

Dawn E. Grimes

Typed or printed name of person signing Certificate

(617) 517-5534

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal (1 page)

Fee Transmittal (2 pages) Amendment (33 pages)

Three Month Request for Extension of Time Under 37 CFR 1.136(a) (2 pages)

Colvin et al. Reference (9 pages)

Return Receipt Postcard

Charge \$1,110.00 to deposit account 04-1105

Approved for use through 06/30/2010. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Inder the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number

Effective on 12/08/2004.

Application Number 10/562,086-Conf. #3235

FEE TRANSMITTAL

Filing Date December 23, 2005

First Named Inventor Peter J. Quesenberry

Examiner Name

V. Afremova

For FY 2009

Applicant claims small entity status. See 37 CFR 1.27 1657 Art Unit 59441(11259) TOTAL AMOUNT OF PAYMENT 1,110.00 Attomey Docket No. METHOD OF PAYMENT (check all that apply) Check Credit Card Money Order None Other (please identify): Deposit Account Name: Edwards Angell Palmer & Dodge LLP X Deposit Account Deposit Account Number: 04-1105 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee Charge any additional fee(s) or underpayments of x Credit any overpayments fee(s) under 37 CFR 1.16 and 1.17 **FEE CALCULATION** 1. BASIC FILING, SEARCH, AND EXAMINATION FEES **FILING FEES SEARCH FEES EXAMINATION FEES** Small Entity Small Entity Small Entity **Application Type** Fee (\$) Fee (\$) Fee (\$) Fees Paid (\$) Fee (\$) Fee (\$) Fee (\$) Utility 330 165 540 270 220 110 Design 220 110 100 50 140 70 Plant 220 110 330 165 170 85 270 Reissue 330 165 540 650 325 Provisional 220 110 0 0 0 0 2. EXCESS CLAIM FEES **Small Entity** Fee (\$) Fee (\$) Fee Description Each claim over 20 (including Reissues) 52 26 Each independent claim over 3 (including Reissues) 220 110 Multiple dependent claims 390 195 **Multiple Dependent Claims Total Claims** Fee Paid (\$) Extra Claims - 58 or HP 38 Fee Paid (\$) Fee (\$) HP = highest number of total claims paid for, if greater than 20. Fee Paid (\$) Indep. Claims Extra Claims 5 ____ - 6 or HP = ____ x HP = highest number of independent claims paid for, if greater than 3. 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Fee Paid (\$) Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) (round up to a whole number) x - 100 = _____ /50 = __ 4. OTHER FEE(S) Fees Paid (\$) Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): 1253 Extension for response within third month 1,110.00

SUBMITTED BY	-01					
Signature	CALOry	na Pila	Registration No.	34,901	Telephone	(617) 517-5516
Name (Print/Type	Kathryn A. Piff	fat, Ph.D., Esq.V	7		Date	April 20, 2010

APR 2 0 2010 BUT

COPY

Olistanika Danasunda Dadustian Astrat 2005 an annua ara sassifirad	U.S. Patent and Trade	mark Office; U.S. DEP	10/50/10-18 16/30/2010. OMB 0651-0032 ARTMENT OF COMMERCE		
Sunder the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control no Complete if Known					
Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).	Application Number		52,086-Conf. #3235		
FEE TRANSMITTAL	Filing Date	December 23,	2005		
	First Named Inventor				
For FY 2009	Examiner Name	.V. Afremova			
Applicant claims small entity status. See 37 CFR 1.27	Art Unit	1657			
TOTAL AMOUNT OF PAYMENT (\$) 1,110.00	Attorney Docket No.	59441(11259)			
METHOD OF PAYMENT (check all that apply)					
Check Credit Card Money Order N					
X Deposit Account Deposit Account Number: 04-1105	Deposit Account Na	me. Edwards Angell	Palmer & Dodge LLP		
For the above-identified deposit account, the Director	•				
x Charge fee(s) indicated below	<u> </u>		cept for the filing fee		
Charge any additional fee(s) or underpayments fee(s) under 37 CFR 1.16 and 1.17	of X Credit any over	payments			
FEE CALCULATION.	 				
1. BASIC FILING, SEARCH, AND EXAMINATION FEES					
		INATION FEES			
Small Entity Application Type Fee (\$) Fee (\$)	Small Entity \$) Fee (\$) Fee (\$	Small Entity) Fee (\$)	Fees Paid (\$)		
Utility 330 165 540		110	<u> </u>		
Design 220 110 100		70			
Plant 220 110 330		85			
Reissue 330 165 540		325			
Provisional 220 110	0 0	0			
2. EXCESS CLAIM FEES			Small Entity		
Fee Description Each claim over 20 (including Reissues)			Fee (\$) Fee (\$) 52 26		
Each independent claim over 3 (including Reissues)			220 110		
Multiple dependent claims	•		390 195		
•	ee Paid (\$)	Multiple Depende	nt Claims		
38 - 58 or HP x =		ee (\$) Fee Paid (\$)			
HP = highest number of total claims paid for, if greater than 20.					
Indep. Claims Extra Claims Fee (\$)	ee Paid (\$)				
5 -6 or HP = x =		•			
HP = highest number of independent claims paid for, if greater than 3.					
A ABBUIGATION CITE FEE					
3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of page	excluding electronically	filed sequence or o	computer		
3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of pape listings under 37 CFR 1.52(e)), the application size fee of					
If the specification and drawings exceed 100 sheets of pape	ue is \$270 (\$135 for small				
If the specification and drawings exceed 100 sheets of paper listings under 37 CFR 1.52(e)), the application size fee of sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) an Total Sheets Extra Sheets Number of each	ue is \$270 (\$135 for small 137 CFR 1.16(s). additional 50 or fraction there	entity) for each ad			
If the specification and drawings exceed 100 sheets of paper listings under 37 CFR 1.52(e)), the application size fee of sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) an Total Sheets Extra Sheets Number of each - 100 =/50 =/50 =	ue is \$270 (\$135 for small 137 CFR 1.16(s). additional 50 or fraction there	entity) for each ad	ditional 50 <u>Fee Paid (\$)</u>		
If the specification and drawings exceed 100 sheets of pape listings under 37 CFR 1.52(e)), the application size fee of sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) an Total Sheets Extra Sheets Number of each - 100 = /50 = 4. OTHER FEE(S)	ue is \$270 (\$135 for small 137 CFR 1.16(s). additional 50 or fraction there (round up to a whole number)	entity) for each ad	ditional 50		
If the specification and drawings exceed 100 sheets of paper listings under 37 CFR 1.52(e)), the application size fee of sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) an Total Sheets Extra Sheets Number of each - 100 =/50 =/50 =	ue is \$270 (\$135 for small 137 CFR 1.16(s). additional 50 or fraction there (round up to a whole number count)	entity) for each ad eof <u>Fee (\$)</u> r) × =	ditional 50 <u>Fee Paid (\$)</u>		
If the specification and drawings exceed 100 sheets of paper listings under 37 CFR 1.52(e)), the application size fee of sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and Total Sheets Extra Sheets Number of each 100 = 150 = 150 = 4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity distribution) Other (e.g., late filing surcharge): 1253 Extension for respectively.	ue is \$270 (\$135 for small 137 CFR 1.16(s). additional 50 or fraction there (round up to a whole number count)	entity) for each ad eof <u>Fee (\$)</u> r) × =	ditional 50 Fee Paid (\$) Fees Paid (\$)		
If the specification and drawings exceed 100 sheets of paper listings under 37 CFR 1.52(e)), the application size fee of sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and Total Sheets Extra Sheets Number of each 100 = 15	ue is \$270 (\$135 for small 137 CFR 1.16(s). additional 50 or fraction there (round up to a whole number count)	entity) for each ad	ditional 50 Fee Paid (\$) Fees Paid (\$)		